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Form PTO-1449	JU.S. DER RTMENT OF COMMERCE	ATTY. DKT. NO. SERIAL NO.		
Equivalent	PATENT AND TRADEMARK OFFICE	500.30304C15	10/734,302	
		APPLICANT		
INFORMA	TION DISCLOSURE STATEMENT BY APPLICANT	ARAI		
		FILING DATE	GROUP	
(Use	several sheets if necessary)	December 15, 2003 2653		

U.S. PATENT DOCUMENTS

Ex. Initial	Doc. No.	Date	Name	Class	Subclass	Filing Date
AA			-			
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FOREIGN PATENT DOCUMENTS

	Doc. No.	Date Country	Country	y Class	Subclass	Translation/Abstract?	
				Yes	No		
AM	64-089878	4/89	Japan			Abstract	
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AO							
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OTHER DOCUMENTS

	AR		
	AS		
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